

ky=0.709, ind=88, f1=1.118kHz, f2=5.060kHz, LfE=2, HfE=2

$T_1=894.25\mu\text{s}$, $T_2=197.63\mu\text{s}$

$f_1 = 1.12\text{kHz} * (1 \pm 2.706e-02)$, $f_2 = 5.06\text{kHz} * (1 \pm 1.065e-01)$

$\tau_1=1370.21\mu\text{s} * (1 \pm 1.059e-01)$, $\tau_2=71.01\mu\text{s} * (1 \pm 8.446e-02)$

$a_1=0.04 * (1 \pm 1.131e-01)$, $a_2=0.23 * (1 \pm 5.652e-02)$

$s_0=0.11 * (1 \pm 1.123e-01)$, $t_0=1242.84 * (1 \pm 1.651e-01)$, $a_0=0.18 * (1 \pm 4.349e-02)$

$\varphi_1=0.23\pi * (1 \pm 2.014e-01)$, $\varphi_2=-0.06\pi * (1 \pm 9.323e-01)$

s

0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0

t/ μs

$$S = a_1 e^{-t^2/\tau_1^2} \cos(2\pi f_1 t + \varphi_1) + a_2 e^{-t^2/\tau_2^2} \cos(2\pi f_2 t + \varphi_2) + a_0 e^{-t/\tau_0} + s_0$$

